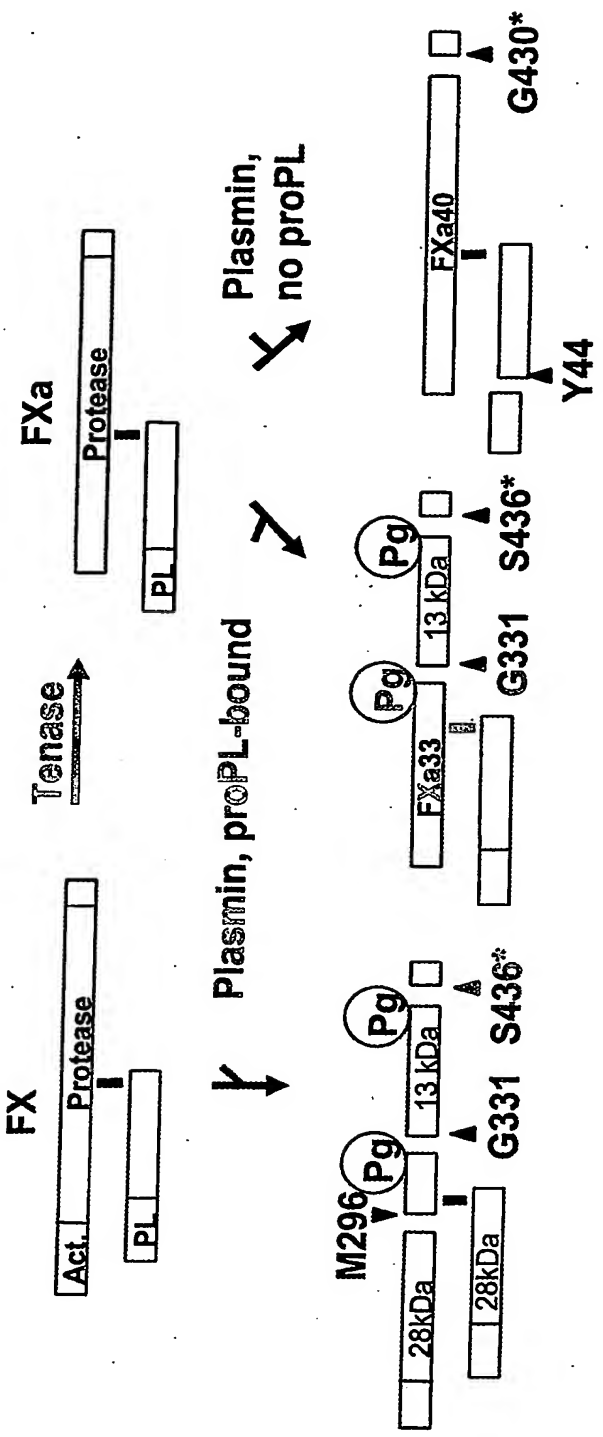
FX
Act.
Protease
PL
Tenase
FXa
Protease
PL
Plasmin, proPL-bound
Plasmin, no proPL
M296
Pg
28kDa
13 kDa
G331
S436*
Pg
28kDa
13 kDa
G331
S436*
FXa33
FXa40
G430*
Y44
Act.: activation peptide
Protease: Serine protease domain
PL: proPL-binding domain (i.e. Gla-domain)
*: Predicted NH2-terminus

Fig. 1

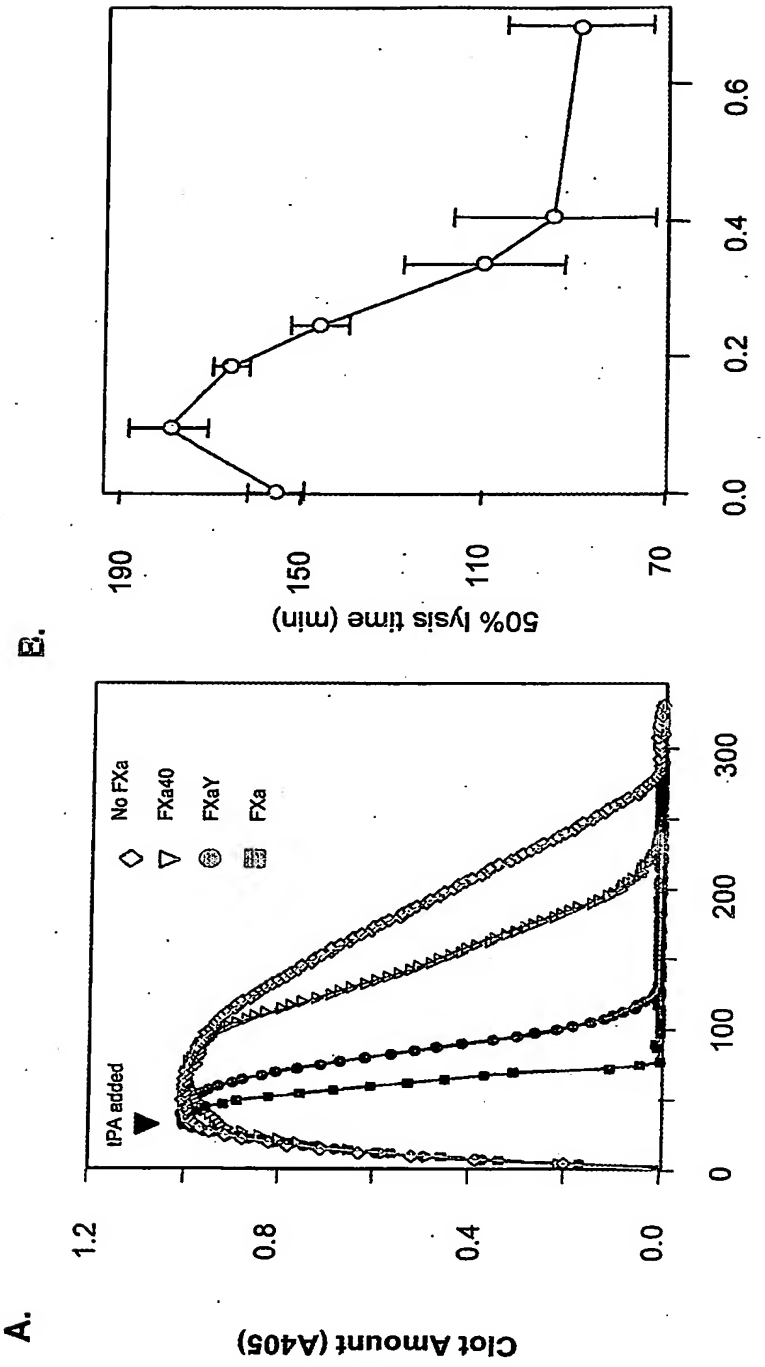
B.
50% lysis time (min)
190
150
110
70
0.0
0.2
0.4
0.6
FXaY (μM)
A.
Clot Amount (A405)
1.2
0.8
0.4
0.0
tPA added
No FXa
FXa40
FXaY
FXa
0
100
200
300
Time (min)

Fig. 2B

Fig. 2A

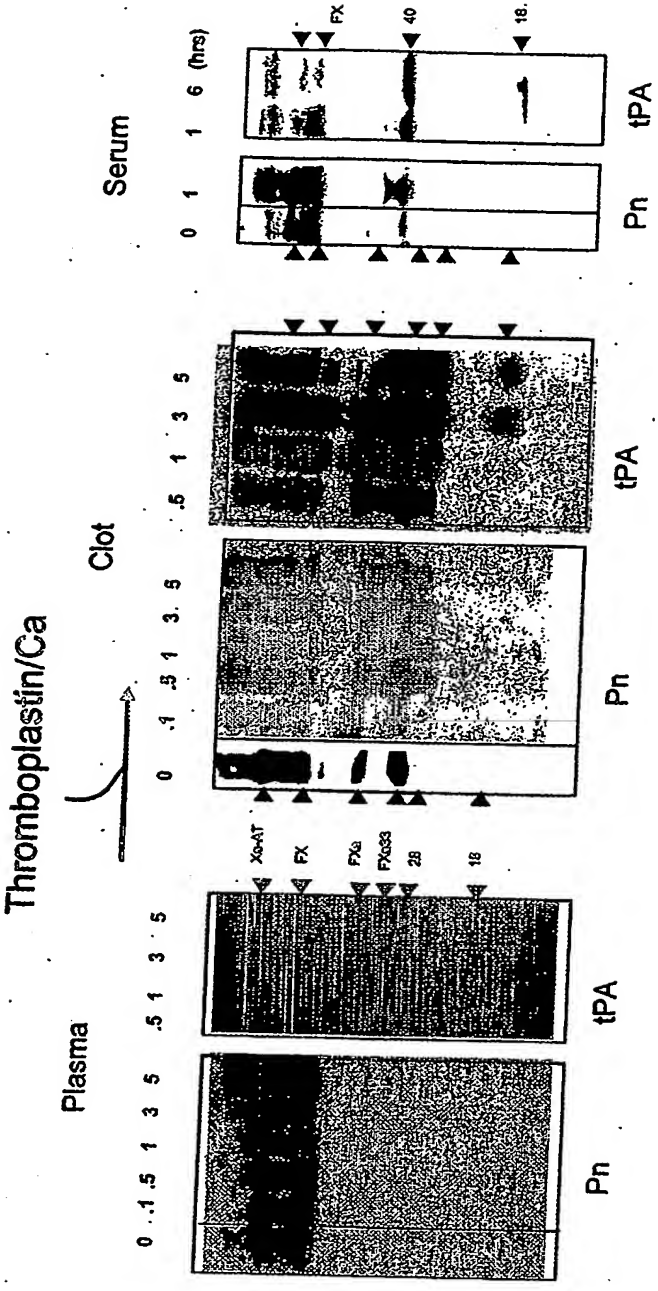
Thromboplastin/Ca
Plasma
Clot
Serum
0 .1 .5 1 3 5
0 .1 .5 1 3 5
0 .1 .5 1 3 5
0 1 1 6 (hrs)
XIa-AT
FX
FXa
FXa33
2B
1B
FX
40
1B
tPA
Pn
tPA
Pn
tPA
Pn

Fig. 3